

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Dong-Hwon KIM, Sang-Hyo RYU, Hyung-Song LEE

For: METHOD FOR EVALUATING CAPACITY OF SECONDARY BATTERY USING  
MATHEMATICAL CALCULATION OF SPECIFIC RESISTANCE COMPONENTS OF  
EQUIVALENT CIRCUIT MODEL FITTED FROM IMPEDANCE SPECTRUM

Enclosed are:

- [X] 8 page(s) of specification  
[X] 1 page(s) of Abstract  
[X] 2 page(s) of claims  
[X] 6 sheets of drawings [X] formal [ ] informal  
[X] 2 page(s) of Declaration and Power of Attorney

ASSIGNEE NAME: Korea Kumho Petrochemical Co., Ltd.

ASSIGNEE RESIDENCE: Chongno, Seoul

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**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date July 1, 2003 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV 333227354 US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Michael J. Musella

☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

/

☐ Certified copy of application

Country

Appln. No.

Filed

Korea

2002/38004

July 2, 2002

from which priority under Title 35 United States Code, § 119 is claimed

☐ is enclosed.

☒ will follow.

**CALCULATION OF UTILITY APPLICATION FEE**

For	Number Filed	Number Extra	Rate	Basic Fee \$750.00
TOTAL CLAIMS	13	0	x 18 =	\$ .00
INDEPENDENT CLAIMS	1	0	x 84 =	\$ .00
<input type="checkbox"/> Multiple Dep. Claim			280	\$ .00
			<b>TOTAL \$750.00</b>	

☐ Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

\*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- ☒ The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- ☒ Check(s) in the amount of \$750.00 to cover the filing fee is attached.
- ☐ Charge fee to Deposit Account No. 04-1121.  
**TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Respectfully submitted,

Date: July 1, 2003



Paul J. Farrell  
Reg. No. 33,494  
Attorney for Applicant(s)

**DILWORTH & BARRESE, LLP**  
333 Earle Ovington Blvd.  
Uniondale, NY 11553  
Tel. No. (516) 228-8484  
Fax. (516) 228-8516